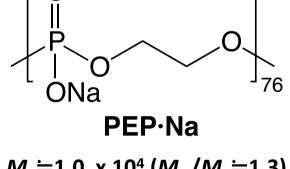
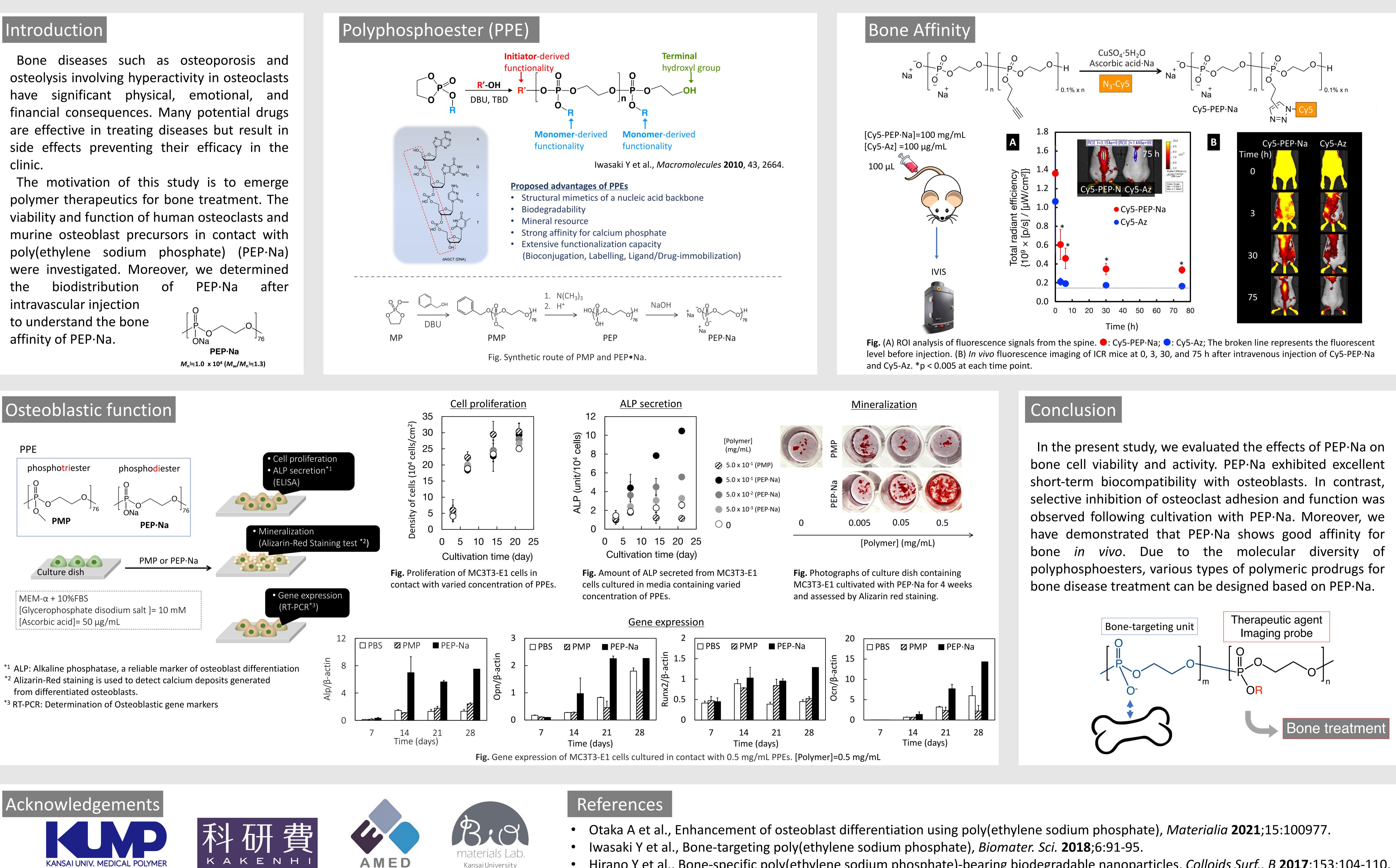
Enhancement of osteogenesis by polyphosphoesters having bone affinity <u>Yasuhiko Iwasaki^{1,2}, Kenjiro Kiyono³, Akihisa Otaka²</u> ¹Department of Chemistry and Materials Engineering, ²ORDIST, ³Graduate School of Science and Engineering, Kansai University, Osaka, Japan

biodistribution PEP·Na of





- ^{*1} ALP: Alkaline phosphatase, a reliable marker of osteoblast differentiation ^{*2} Alizarin-Red staining is used to detect calcium deposits generated
- ^{*3} RT-PCR: Determination of Osteoblastic gene markers





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• Hirano Y et al., Bone-specific poly(ethylene sodium phosphate)-bearing biodegradable nanoparticles, Colloids Surf., B 2017;153:104-110.